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List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 10 (Cancelled).

11. (New) An apparatus for positioning a clamp-on flow measuring device on a containment, through which a medium is flowing, comprising:

at least two ultrasonic transducers, which emit measuring signals into the containment and/or receive measuring signals from the containment;

a positioning unit for the variable positioning of said ultrasonic transducers on the containment;

a control/evaluation unit, which calculates from predetermined process and/or system variables a characteristic, desired variable of the measuring signals and which, on the basis of a comparison of the calculated, desired variable with the corresponding, measured, actual variable, determines whether said ultrasonic transducers are optimally positioned or whether the positions of said ultrasonic transducers need to be changed; and

an indicating unit, which indicates to operating personnel a required change in position and/or the direction in which a change in position needs to occur.

12. (New) The apparatus as claimed in claim 11, wherein:

said indicating unit is embodied such that it signals to the operating personnel optically and/or acoustically the correct position of said ultrasonic transducers or such that said indicating unit gives to the operating personnel, if necessary, successive indications, in which direction said ultrasonic transducers need to be displaced for the purpose of correct positioning.

13. (New) The apparatus as claimed in claim 11, wherein:

said indicating unit is an integral part of the clamp-on flow measuring device.

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14. (New) The apparatus as claimed in claim 11, wherein:
said indicating unit is a display.

15. (New) The apparatus as claimed in claim 14, wherein:
the direction of displacement, and/or the amount of displacement, of said two ultrasonic transducers is placed on said indicating unit in the form of numerical and/or graphical symbols.

16. (New) The apparatus as claimed in claim 11, wherein:
said indicating unit comprises at least one optical and/or at least one acoustical reporting element, said reporting element being operable in different modes.

17. (New) The apparatus as claimed in claim 16, wherein:
said optical reporting element is a light-emitting diode, wherein the modes comprise a blinking mode, an on-mode and/or an off-mode.

18. (New) The apparatus as claimed in claim 16, wherein:
said optical reporting element is embodied such that the different modes are associated with different color characteristics and/or symbols.

19. (New) The apparatus as claimed in claim 16, wherein:
said acoustic reporting element is embodied such that the different modes are implemented by different pitches and/or different repetition frequencies of at least one pitch.

20. (New) The apparatus as claimed in claim 11, wherein:
the characteristic variable is the intensity of the measuring signals and/or the travel time of the measuring signals.